

AMENDMENTS TO THE CLAIMS

1. - 30. (Cancelled)

31. (New) A method to implement a BIOS operation stage in a communication-enabled information processing device equipped with no user interface comprising:
- (1) initiating power and starting a POST (Power On Self Test);
 - (2) checking the operation of a communication control section;
 - (3) acquiring a second address number of said communication-enabled information processing device in a communication network, wherein acquiring said second address number includes checking whether said second address number is stored as a fixed value in a nonvolatile storage section;
 - (4) establishing a link between a first and said second communication-enabled information processing devices, wherein establishing said link includes checking whether a first address number of the first communication-enabled information processing device is stored in the nonvolatile storage section, and wherein establishing said link further includes requesting said first communication-enabled information processing device to establish a link when said first address number is stored in the nonvolatile storage section, and wherein establishing said link further includes transmitting a message for finding said first communication-enabled information processing device to the communication network by multicasting if no reply including the first address number is received in the predetermined time period from said first communication-enabled

information processing device in response to the link establishment request;

(5) sending presentation data to said first communication-enabled information processing device;

(6) executing contents received from said first communication-enabled information processing device;

(7) terminating the POST;

(8) booting an OS (Operating System);

(9) inheriting the link established in said BIOS operation stage and the second address number;

(10) transmitting presentation data to said first communication-enabled information processing device; and

(11) executing contents received from said first communication-enabled information processing device.

32. (New) The method according to Claim 31, wherein acquiring a second address number includes checking whether said second address number (3) is stored as a fixed value in a nonvolatile storage section.

33. (New) The method according to Claim 31, wherein acquiring a second address number (3) includes acquiring said second address number by a DHCP (Dynamic Host Configuration Protocol) if said second address number is not stored as a fixed value in the nonvolatile storage section.

34. (New) The method according to Claim 31, wherein acquiring a second address number (3) includes using a default second address number if said second address number cannot be obtained by the DHCP.
35. (New) The method according to Claim 31, wherein establishing a link (4) includes transmitting a message for finding said first communication-enabled information processing device to the communication network by multicasting if said first address number is not stored in the nonvolatile storage section.
36. (New) The method according to Claim 31, wherein said establishing a link (4) includes checking whether or not there are a plurality of offers when an offer from said first communication-enabled information processing device is received in the predetermined time period as a result of multicasting the message for finding said first communication-enabled information processing device to the communication network.
37. (New) The method according to Claim 36, wherein said establishing a link (4) includes selecting said first communication-enabled information processing device that transmitted the offer first received in a case where there are a plurality of offers as a result of multicasting the message for finding said first communication-enabled information processing device to the communication network.

38. (New) The method according to Claim 37, wherein establishing a link (4) includes requesting said first communication-enabled information processing device that transmitted the offer first received to establish the link.
39. (New) The method according to Claim 36, wherein establishing a link (4) includes requesting said first communication-enabled information processing device that transmitted the received offer in a case where there are not a plurality of offers as a result of multicasting the message for finding said first communication-enabled information processing device to the communication network.
40. (New) The method according to Claim 38, wherein said establishing a link (4) includes storing the first address number in the nonvolatile storage section if a reply including said first address number is received in the predetermined time period from said first communication-enabled information processing device in response to the link establishment request.
41. (New) The method according to Claim 38, wherein said establishing a link (4) includes checking whether or not said second address number is a fixed value stored in the nonvolatile storage section if no reply including the first address number is received in the predetermined time period from said first communication-enabled information processing device in response to the link establishment request.

42. (New) The method according to Claim 41, wherein said acquiring a second address number (3) is repeated if in said establishing a link (4), said second address number is a fixed value stored in the nonvolatile storage section.
43. (New) The method according to Claim 31, further comprising after establishment of a link between the first and said second communication-enabled information processing devices during BIOS operation or OS operation:
- (12) in said first communication-enabled information processing device, transmitting a request to said second communication-enabled information processing device for transmission of data corresponding to one frame for refreshment of the display screen of said first communication-enabled information processing device; and
- (13) in said second communication-enabled information processing device, transmitting presentation data corresponding to one frame to said first communication-enabled information processing device when the request for transmission of data corresponding to one frame is received.
44. (New) The method according to Claim 31, further comprising the steps of:
- (14) in said second communication-enabled information processing device, transmitting a request to said first communication-enabled information processing device for changing the first address number used in said first communication-enabled information processing device;

(15) in said first communication-enabled information processing device, transmitting a changed first address number when the request for changing said first address number is received;

(16) in said second communication-enabled information processing device, requesting said first communication-enabled information processing device to establish a link between said first and second communication-enabled information processing devices; and

(17) in said first communication-enabled information processing device, transmitting a notice of establishment of a link to said second communication-enabled information processing device when the request for establishment of a link is received.